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| TO: Kevin L. Lee, Examiner | 703-872-9306 | U.S. Patent and Trademark Office | 703-308-1025 |
| Name: | Sender's Direct Dial: | Sender's Direct Email: | |
| FROM: Kassim M. Ferris | (503) 294-9670 | kmferris@stoel.com | |
| Client: 11429 | Matter: 13:2 | | |

Date: December 6, 2004

No. of Pages (including this cover): 18

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Re: Jarmo Ilmari Maula et al.
Application No. 10/609,136
Filed: June 26, 2003
For: **DIAPHRAGM VALVE FOR HIGH-TEMPERATURE
PRECURSOR SUPPLY IN ATOMIC LAYER**
Group Art Unit: 3754
Attorney Docket No. 11429/13:2

Attached for filing in the above-identified application are the following documents:

- [X] Fee Transmittal
- [X] Patent Application Fee Determination Record
- [X] Petition for Extension of Time Under 37 CFR § 1.136(a)
- [X] Amendment

CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being facsimile-transmitted to the United States Patent and Trademark Office 703-872-9306 on the date set forth below.

Linda Snive

Type or print name of person signing certification

Linda Snive
Signature

December 6, 2004

Date

PTO/SB/17 (10-04v2)

Approved for use through 07/31/2008. OMB 0851-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**FEE TRANSMITTAL
for FY 2005**

Effective 10/01/2004. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT (\$)** 275.00**Complete if Known**

| | |
|----------------------|---------------------------|
| Application Number | 10/809,136 |
| Filing Date | June 26, 2003 |
| First Named Inventor | Jarmo Iimari Maula et al. |
| Examiner Name | Kevin J. Lee |
| Art Unit | 3753 |
| Attorney Docket No. | 11429/13:2 |

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit
Account
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Deposit
Account
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19-4455

Stoel Rives LLP

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Small Entity

| Fee Code (\$) | Fee Code (\$) | Fee Description | Fee Paid |
|---------------|---------------|------------------------|----------|
| 1001 790 | 2001 395 | Utility filing fee | |
| 1002 350 | 2002 175 | Design filing fee | |
| 1003 650 | 2003 275 | Plant filing fee | |
| 1004 790 | 2004 395 | Reissue filing fee | |
| 1005 160 | 2005 80 | Provisional filing fee | |

SUBTOTAL (1) (\$) 0.00**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

| Total Claims | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| Independent Claims | -20** = | X | |
| Multiple Dependent | -3** = | 5 X 44 | 220 |

Large Entity Small Entity

| Fee Code (\$) | Fee Code (\$) | Fee Description | Fee Paid |
|---------------|---------------|--|----------|
| 1202 18 | 2202 9 | Claims in excess of 20 | |
| 1201 88 | 2201 44 | Independent claims in excess of 3 | |
| 1203 300 | 2203 150 | Multiple dependent claim, if not paid | |
| 1204 88 | 2204 44 | ** Reissue independent claims over original patent | |
| 1205 18 | 2205 9 | ** Reissue claims in excess of 20 and over original patent | |

SUBTOTAL (2) (\$) 220.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Small Entity

| Fee Code (\$) | Fee Code (\$) | Fee Description | Fee Paid |
|---------------|---------------|--|----------|
| 1051 130 | 2051 65 | Surcharge - late filing fee or oath | |
| 1052 50 | 2052 26 | Surcharge - late provisional filing fee or cover sheet | |
| 1053 130 | 2053 130 | Non-English specification | |
| 1812 2,520 | 2812 2,520 | For filing a request for ex parte reexamination | |
| 1804 920* | 2804 920* | Requesting publication of SIR prior to Examiner action | |
| 1805 1,840* | 2805 1,840* | Requesting publication of SIR after Examiner action | |
| 1251 110 | 2251 55 | Extension for reply within first month | 55.00 |
| 1252 430 | 2252 215 | Extension for reply within second month | |
| 1253 980 | 2253 490 | Extension for reply within third month | |
| 1254 1,530 | 2254 765 | Extension for reply within fourth month | |
| 1255 2,080 | 2255 1,040 | Extension for reply within fifth month | |
| 1401 340 | 2401 170 | Notice of Appeal | |
| 1402 340 | 2402 170 | Filing a brief in support of an appeal | |
| 1403 300 | 2403 150 | Request for oral hearing | |
| 1451 1,510 | 2451 1,510 | Petition to institute a public use proceeding | |
| 1452 110 | 2452 55 | Petition to revive - unavoidable | |
| 1453 1,370 | 2453 685 | Petition to revive - unintentional | |
| 1501 1,370 | 2501 685 | Utility issue fee (or reissue) | |
| 1502 480 | 2502 245 | Design issue fee | |
| 1503 680 | 2503 330 | Plant issue fee | |
| 1480 130 | 2480 130 | Petitions to the Commissioner | |
| 1807 50 | 2807 50 | Processing fee under 37 CFR 1.17(q) | |
| 1806 180 | 2806 180 | Submission of Information Disclosure Stmt | |
| 8021 40 | 28021 40 | Recording each patent assignment per property (times number of properties) | |
| 1809 790 | 2809 395 | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 1810 790 | 2810 395 | For each additional invention to be examined (37 CFR 1.129(b)) | |
| 1801 790 | 2801 395 | Request for Continued Examination (RCE) | |
| 1802 900 | 2802 900 | Request for expedited examination of a design application | |

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 55.00**SUBMITTED BY**

Name (Print/Type) Kassim M. Ferris

Registration No.

39,974

(Complete if applicable)

Telephone 503-224-3380

Signature

Date

December 6, 2004

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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